PURIFIED INSOLUBLE FRACTION
HIS COLUMN-PASSAGE FRACTION
HIS COLUMN BINDING/ELUTED FRACTION

ENRICHED FRACTION AFTER DIALYSIS (FINAL PURIFICATION PRODUCT)

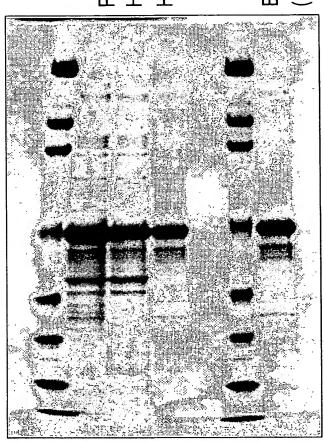


FIG. 1

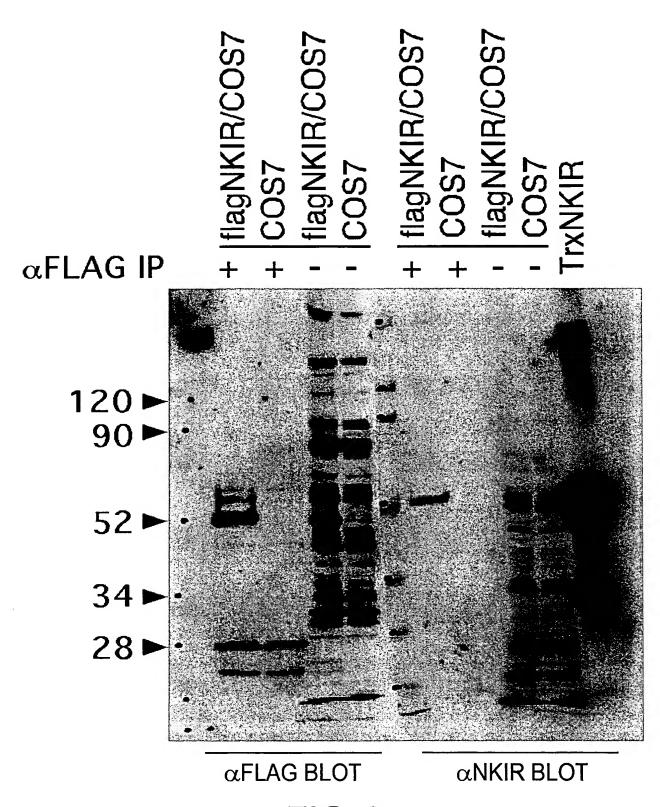
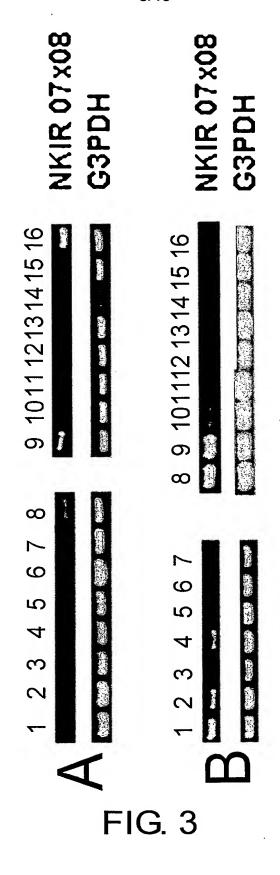
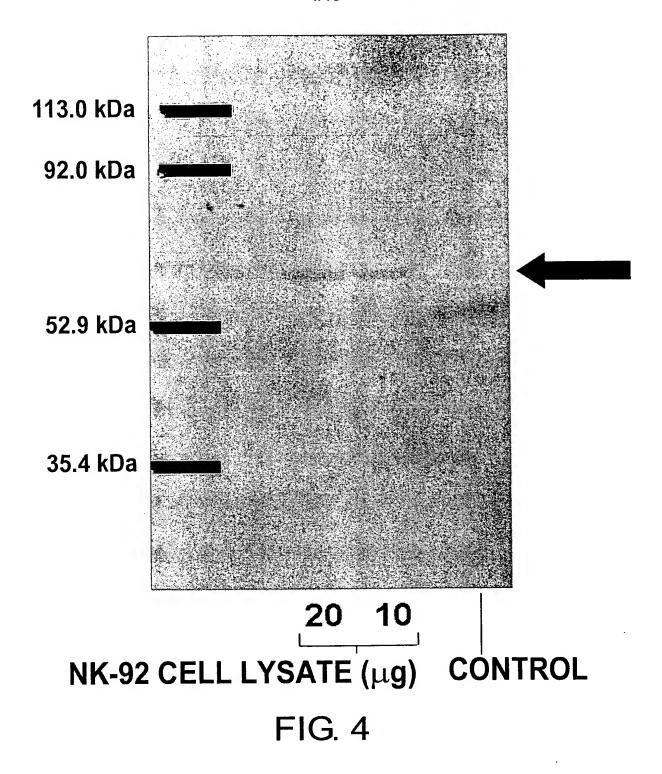
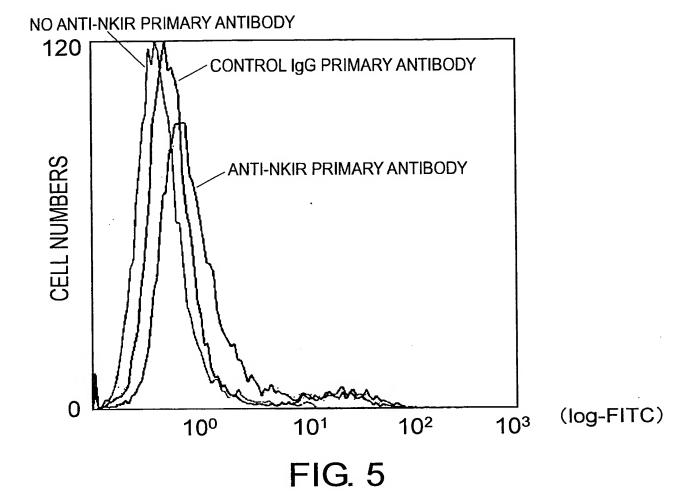


FIG. 2







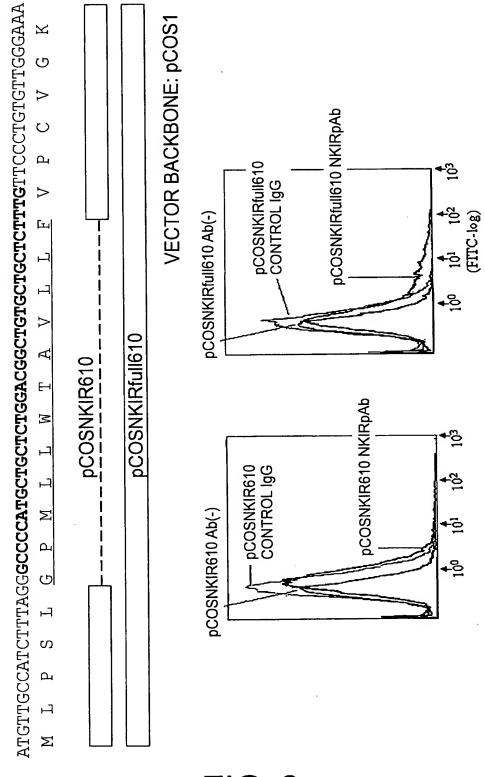


FIG. 6

Sbjct: 891059 LASVKAEWSTKNYSCEAKNNISREISELKKFPLVGMFCIISYTPV 980924 EXON AT POSITION N EXTRACELLULAR 197 APVSRPVLTLHHGPADPAVGDMVQLLCEAQRGSPPILYSFYLDEKIVGNHSAPCGGTTSL 256 891239 APVSHPVLTLQHEATNLAVGDKVEFLCEAHQGSLPIFYSFYINGEILGKPLAPSGRAASL AP G 257 LFPVKSEQDAGNYSCEAENSVSRERSEPKKLSLKGSQVL--FTPA 299 + AVGD V+ LCEA +GS PI YSFY++ +I+G Score = 263 (92.6 bits), Expect = 1.9e-28, Sum P(3) = 1.9e-28 Identities = 62/369 (50%), Positives = 78/369 (63%), Frame = +TP G ᆸ NYSCEA+N++SRE SE KK APVS PVLTL H L VK+E Sbjct: Query: Query: 891060

CANDIDATE REGION

Score = 82 (28.9 bits), Expect = 1.9e-28, Sum P(3) = 1.9e-28

Identities = 18/75 (72%), Positives = 20/75 (80%), Frame = -2

300 SNWLVPWLPASLLGLMVIAAALLVY 324 Query:

WLPASLLG MVIAA +L+Y SN L Sbjct: 890637 SNMLPIWLPASLLGGMVIAAVVLMY 890563

TRANSMEMBRANE REGION

**EXON AT POSITION N+1** 

FIG.

MNKIR	
 hnkir	MLPSLVPCVGKTVWLYLQAWPNPVFEGDALTLRCQGWKNTPLSQVKFYRDGKFLHFSKEN
MNKIR hnkir	
 MNKIR hnkir	VILKCTIKVDPKNPTLQLFYTFYKDNHVIQDRSPH-SVFSAEAKEENSGLYQCMVDTE SLVTLRCQTKLHPLRSALRLLFSFHKDGHTLQDRGPHPELCIPGAKEGDSGLYWCEVAPE * *:* *:* :*:*:*:*:*:*:*:*:*:*:
 MNKIR hnkir	DGLIQKKSGYLDIQFWTPVSHPVLTLQHEATNLAVGDKVEFLCEAHQGSLPIFYSFYING GGQVQKQSPQLEVRVQAPVSRPVLTLHHGPADPAVGDMVQLLCEAQRGSPPILYSFYLDE .* :**:* *:::::::::::::::::::::::::::::
 MNKIR hnkir	EILGKPLAPSGRAASLLASVKAEWSTKNYSCEAKNNISREISELKKFPLVVSGTAWIKS- KIVGNHSAPCGGTTSLLFPVKSEQDAGNYSCEAENSVSRERSEPKKLSLKGSQVLFTPAS :*:*: **: **: **: **: **: **: **: **: *
 MNKIR hnkir	NMLTIWLPASLLGGMVIAAVVLMYFFKPCKKHARLEMPTLKEPDSFLYVSVDNRRYK NWLVPWLPASLLGLMVIAAALLVYVRSWRKAGPLPSQIPPTAPGGEQCPLYANVHHQKGK * * * * * * * * * * * * * * * * * * *
 MNKIR hnkir	DEGVVYSVVHRTSKRSEARSAEFTVGRKDSSIICAEVRCLQPSEVSSTEVNMRSRTLQEP
 MNKIR hnkir	LSDCEEVLC

FIG. 8

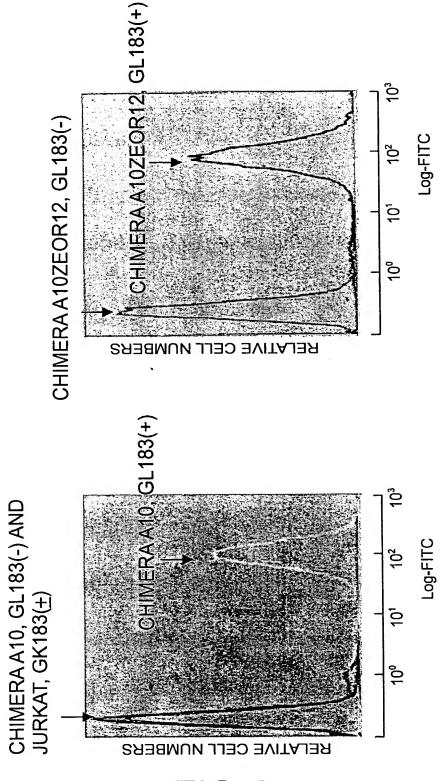


FIG. 9

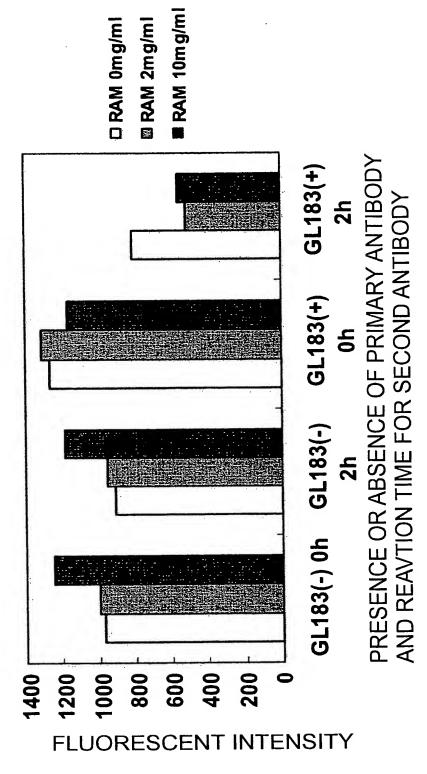


FIG. 10

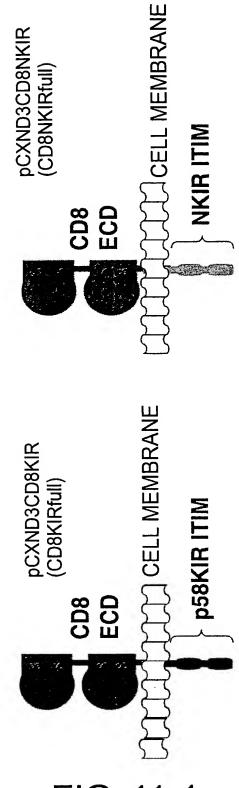
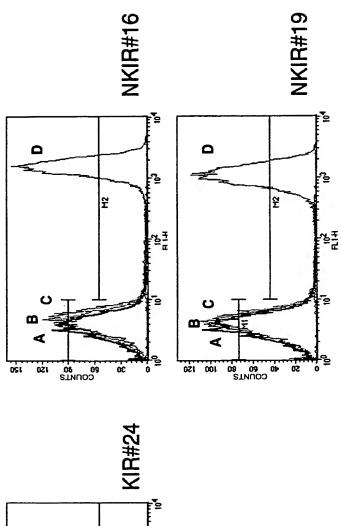


FIG. 11-1



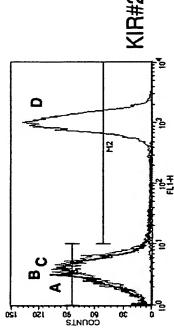


FIG. 11-2

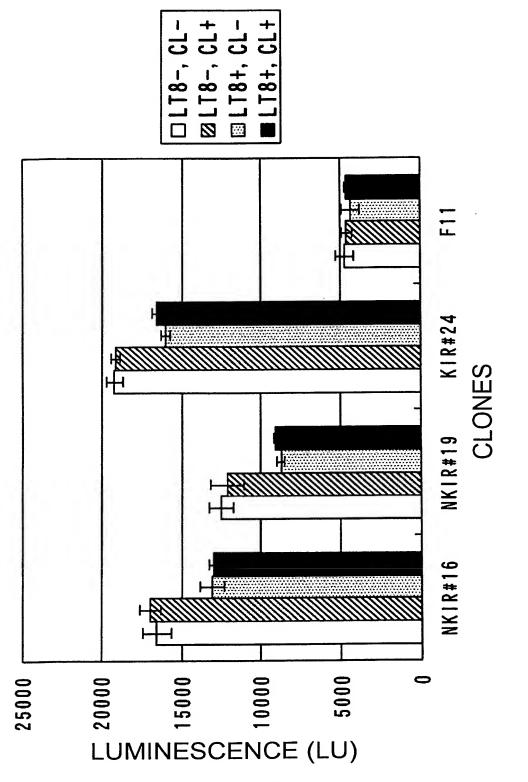


FIG. 12